

PALS Drugs

Epinephrine (1:10,000) Used for Cardiac Arrest and Symptomatic Bradycardia

Vasoconstriction, increases Heart Rate

Dose: 0.01 mg/kg 10kg= 0.1 mg 20kg=0.2 mg 30kg=0.3 mg 40kg=0.4 mg 50 kg=0.5 mg 60kg=0.6 mg

Amiodarone Used for Cardiac Arrest with Shockable Rhythms

Calms the heart, increases ability to respond to defibrillation

Dose: 5 mg/kg (May give up to 3 doses -or- 300 mg MAX) 10 kg=50 mg 20 kg=100 mg 30 kg=150 mg 40 kg= 200 mg

Atropine Used for Symptomatic Bradycardia (second line drug)

Blocks Vagus Nerve, allows SA node to do it's job

Dose: 0.02 mg/kg Single Dose 0.5 mg (Maximum 2 doses) 10kg=0.2 20kg=0.4 30kg=0.5 40kg=0.5

Adenosine Used for Asymptomatic "Regular" Tachycardia (Narrow)

"Resets" A/V Node

Dose: 0.1 mg/kg then 0.2 mg/kg. (2 doses MAX) 10 kg- 1.0 mg then 2.0 mg 20 kg- 2.0 mg then 4.0 mg

Albuterol Used for Asthma/breathing problems

Open bronchioles

Dose: 2.5 mg

Ipratropium Often used along with Albuterol

Allows smooth muscle to relax

Dose: 0.25 mg

Naloxone Used for Opioid Overdose

Blocks Opioid Receptors

Dose: 0.1 mg/kg (2.0 mg MAX) 10 kg=1.0 mg 20 kg=2.0 mg Repeat every 2-3 minutes

Crystalloid Fluids Used to replace fluids for Hypovolemia

Increases fluids in cells

Hypovolemic and Obstructive Shock: 20 ml/kg over 5-20 minutes (FAST AND FURIOUS)!

Cardiogenic Shock: 5-10 ml/kg over 10-20 minutes ml/kg (LOW AND SLOW)!

Septic Shock: 10-20 ml/kg over 10-20 minutes